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(54) Mobile internet protocol

(57) A method of enabling roaming of a mobile internet-access terminal from a first to a second internet access network each of which has a home agent for routing internet datagrams between networks. The method comprises de-registering the mobile terminal from said first network and registering it with said second network and allocating to the mobile terminal a new internet address in said second network. This new internet address

is transmitted to the first network's home agent which registers that address as a care-of-address or co-located care-of-address for the mobile host. Datagrams addressed to the new internet address are sent directly to the mobile host via the second network's home agent. Datagrams addressed to a previous internet address of the mobile terminal in said first network are forwarded from that network's home agent to the mobile host, via the second network's home agent.

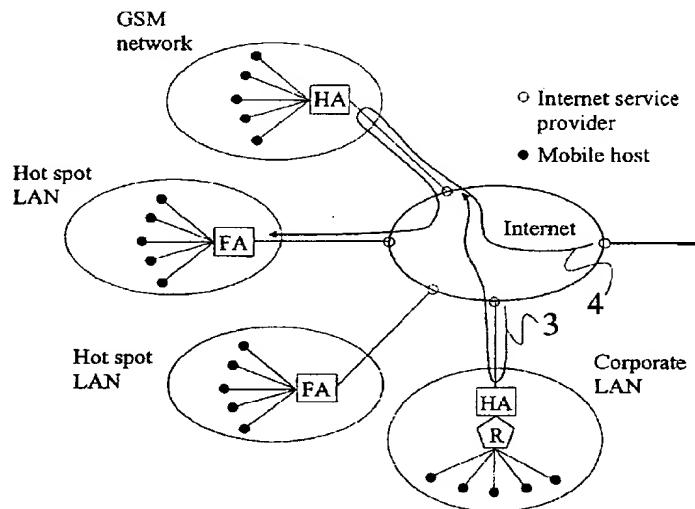


Figure 3



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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
BERLIN	28 June 1999	Masche, C	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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Place of search EPO FORM 1503/03-82 (P04/001)	Date of completion of the search 28 June 1999	Examiner Masche, C	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82